

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Hong CHEN *et al.*

Serial No.: To be Assigned

Art Unit: To be Assigned

Filed: Herewith

Examiner: To be Assigned

For: METHODS AND COMPOSITIONS
FOR THE DIAGNOSIS AND
TREATMENT OF
NEUROPSYCHIATRIC DISORDERS

Attorney Docket No.: 7853-224

#12/B
max
5/18/02

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Please enter the following amendments and remarks into the file of the above-identified application prior to the calculation of the filing fee and examination thereof.

IN THE CLAIMS:

Please cancel Claims 2-18.

Please amend Claim 1 as follows:

1. (Once Amended) A method for identifying an individual having or at risk of developing a bipolar affective disorder or schizophrenia comprising the step of detecting the presence or absence of a [mutation in the coding region of a human] *HKNG1* gene product [having the nucleotide sequence depicted in SEQ ID NO:7,] in a patient sample wherein said method comprises the steps of:
- a) incubating a sample in the presence of a detectably labeled antibody capable of identifying the *HKNG* gene product; and
 - b) assaying for the presence or absence of the *HGNG* gene product.

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